

Curriculum Vitae

Suzanne P. McKee, Ph.D., Senior Scientist
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<u>Education:</u>	<u>Degree</u>	<u>Year</u>	<u>Field of Study</u>
Vassar College	A.B.	1963	Psychology
University of California, Berkeley	Ph.D.	1970	Experimental Psychology

Honors:

Phi Beta Kappa
National Science Foundation Fellow
Honorary Woodrow Wilson Fellow
Fellow, Optical Society of America, 1994
Vice-President, Association for Research in Vision and Ophthalmology (ARVO), 1998-1999
Edward D. Tillyer Award, Optical Society of America, 2014

Professional Experience:

1981-Present Senior Scientist, The Smith-Kettlewell Eye Research Institute, San Francisco.
1974-1981 Assistant Research Physiologist, Dept. of Physiology-Anatomy, University of California, Berkeley, CA.
1971-1973 Scientist, Polaroid Corporation, Research Laboratories, Cambridge, MA.

Professional Service:

1984-1986 Program Committee for Visual Psychophysics, Association for Research in Vision and Ophthalmology (ARVO).
1985-2009 Executive Editor for America of *Perception*.
1987-1989 National Science Foundation Panel Member, Sensory Physiology and Perception
1989-1991 Chair, NRC-NAS, Committee on Vision.
1990-1993 NIH Study Section for Behavioral Neurosciences.
1994-1999 Member, Board of Trustees, Association for Research in Vision and Ophthalmology (ARVO); Vice-President of ARVO, 1998-1999.
1997-2008 Member, International Editorial Board, *Ophthalmic and Physiological Optics*
1999-2002 Member, Editorial Board, *IOVS*
1999-2008 Member, Editorial Board, *Vision Research*
2000-2007 Associate Editor, *Journal of Vision*
2002-2006 NIH Study Section, CVP
2003-2006 Member, ARVO Awards Committee
2007-2008 Chair, VSS Young Investigator Award Committee

2012-2013 Member, NIH Sensory and Motor Neuroscience, Cognition and Perception Study Section

Publications

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- Westheimer, G., McKee, S.P. Failure of Donder's law during smooth pursuit eye movements. *Vision Res.* **13**: 2145-2153, 1973.
- Westheimer, G., McKee, S.P. Visual acuity in the presence of retinal-image motion. *J. Opt. Soc. Am.* **65**: 847-850, 1975.
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- Westheimer, G., Shimamura, K., McKee, S.P. Interference with line-orientation sensitivity. *J. Opt. Soc. Am.* **66**: 332-338, 1976.
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- Westheimer, G., McKee, S.P. Stereoscopic acuity for moving retinal images. *J. Opt. Soc. Am.* **68**: 450-455, 1978.
- McKee, S.P., Westheimer, G. Improvement in vernier acuity with practice. *Perception & Psychophysics* **24**: 258-262, 1978.
- Westheimer, G., McKee, S.P., What prior uniocular processing is necessary for stereopsis? *Investigative Ophthalmology & Vis. Sci.*, **18**: 893-912.
- Westheimer, G., McKee, S.P. Stereoscopic acuity with defocused and spatially filtered retinal images. *J. Opt. Soc. Am.* **70**: 772-778, 1980.
- McKee, S.P. A local mechanism for differential velocity detection. *Vision Res.* **21**: 491-500, 1981.
- McKee, S.P. (1983) The spatial requirements for fine stereoacuity. *Vision Res.* **23**: 191-198,
- Morgan, M.J., Watt, R.J., McKee, S.P. (1983) Exposure duration effects the sensitivity of vernier acuity to target motion. *Vision Res.* **23**: 541-546.
- McKee, S.P., Nakayama, K. The detection of motion in the peripheral visual field. *Vision Res.* **24**: 25-32, 1984.
- McKee, S.P., Taylor, D.G. The discrimination of time: A comparison of foveal and peripheral sensitivity. *J. Opt. Soc. Am.* **6**: 620-627, 1984.
- McKee, S.P., Klein, S., Teller, D.Y. (1985) Statistical properties of forced-choice psychometric functions: Implications of probit analysis. *Perception & Psychophysics* **37**: 286-298.
- McKee, S.P., Welch, L. Sequential recruitment in the discrimination of velocity. *J. Opt. Soc. Am.* **2**: 243-251, 1985.
- Mitchison, G.J., McKee, S.P. Interpolation in stereopsis. *Nature* **315**: 402-404, 1985.

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- McKee, S.P., Welch, L., Taylor, D.G., Bowne, S.F. (1990) Finding the common bond: Stereoacuity and the other hyperacuities. *Vision Res.* **30**: 879-891.
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- Cottareau, B.R., McKee, S.P. & Norcia, A.M. (2012) Disparity-specific spatial interactions: evidence from EEG source imaging. *Journal of Neuroscience*, **32**, 826-840.
- Cottareau, B.R., McKee, S.P. & Norcia, A.M. (2012) Bridging the gap: Global disparity processing in the human visual cortex. *Journal of Neurophysiology* **107**, 2421-2419.
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Chapters

- McKee, S.P. The physical constraints of visual hyperacuity. *Vision and Visual Dysfunction: 5, The Limits of Vision*. Ed. by J.J. Kulikowski, I.J. Murray, V. Walsh. Macmillan, London, 1991, pp. 221-233.
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Conference Proceedings

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- McKee, S.P. & Harris, J.M. Combining stereopsis and motion in human vision. *Society for Information Display: International Symposium Digest of Technical Papers*, **24**, 1998, pp.1029-1032
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